

IN THE CLAIMS:

1. (PREVIOUSLY PRESENTED) A device comprising:

a flexible substrate having at least one substantially flat surface; and

at least one source of vibrational energy attached to or in communication with at least one of the at least one substantially flat surface to apply vibrational energy to the flexible substrate,

wherein the vibrational energy causes periodic motion in the flexible substrate to cause the device to adhere to an exterior surface and the device is capable of translational motion along the exterior surface.

2. (ORIGINAL) The device of Claim 1, wherein the vibrational energy is harmonic.

3. (PREVIOUSLY PRESENTED) The device of Claim 2, wherein the vibrational energy causes the flexible substrate to flex in a harmonic fashion.

4. (PREVIOUSLY PRESENTED) The device of Claim 2, wherein at least one of the at least one source of vibrational energy imparts vibrations to said substrate to cause said substrate to move in a translational fashion.

5. (PREVIOUSLY PRESENTED) The device of Claim 1, wherein the exterior surface is other than horizontal.

6. (PREVIOUSLY PRESENTED) The device of Claim 5, wherein the exterior surface is vertical.

7. (PREVIOUSLY PRESENTED) The device of Claim 5, wherein the exterior surface is upside down.

8. (PREVIOUSLY PRESENTED) The device of Claim 1, wherein a change in frequency of the vibrational energy causes the direction of the motion of the device to change.

9. (PREVIOUSLY PRESENTED) The device of Claim 1, wherein the flexible substrate has a point of asymmetry.

10. (PREVIOUSLY PRESENTED) A device capable of translational motion comprising:

a flexible substrate having at least one substantially flat surface; and

at least one source of harmonic vibration attached to or in communication with at least one of the at least one substantially flat surface to apply vibrational energy to the flexible substrate,

wherein the harmonic vibration causes periodic motion in the flexible substrate to cause the device to adhere to an exterior surface and the device is capable of translational motion along the exterior surface.

11. (PREVIOUSLY PRESENTED) The device of Claim 10, wherein at least one of the at least one source of harmonic vibration imparts vibrations to said substrate to cause said substrate to move in a translational fashion.

12. (PREVIOUSLY PRESENTED) The device of Claim 10, wherein the exterior surface is other than horizontal.

13. (PREVIOUSLY PRESENTED) The device of Claim 12, wherein the exterior surface is vertical.

14. (PREVIOUSLY PRESENTED) The device of Claim 12, wherein the exterior surface is upside down.

15. (PREVIOUSLY PRESENTED) The device of Claim 10, wherein at least one of the at least one source of harmonic vibration is attached to the flexible substrate.

16 - 21. (CANCELLED)

22. (CURRENTLY AMENDED) The device of Claim 1,~~10, or 16 or 10~~ which also comprises an asymmetry element.

23. (PREVIOUSLY PRESENTED) The device of Claim 22, wherein the asymmetry element comprises bristles, spines or spicules embedded in a flexible matrix, regular or irregular projections, fins, or a conformable mat.

24. (PREVIOUSLY PRESENTED) The device of Claim 23, wherein the asymmetry element comprises bristles.

25 - 28. (CANCELLED)

29. (PREVIOUSLY PRESENTED) The device of Claim 1, wherein the flexible substrate has first and second substantially parallel planar surfaces.

30. (PREVIOUSLY PRESENTED) The device of Claim 1, wherein the flexible substrate is circular, rectangular, oval, square, or hemispherical.

31. (PREVIOUSLY PRESENTED) The device of Claim 10, wherein the flexible substrate has first and second substantially parallel planar surfaces.

32. (PREVIOUSLY PRESENTED) The device of Claim 10, wherein the flexible substrate is circular, rectangular, oval, square, or hemispherical.

33 - 34. (CANCELLED)